

WHAT IS CLAIMED IS:

1. An immunogenic hydrophobic complex essentially consisting of proteosomes and at least one lipopolysaccharide.
2. The immunogenic hydrophobic complex of claim 1 wherein the lipopolysaccharide is isolated from *Shigella*.
3. The immunogenic hydrophobic complex of claim 2 wherein the *Shigella* is selected from the group consisting of *S. flexneri 2a* and *Shigella sonnei* or mixtures thereof.
4. The immunogenic hydrophobic complex of claim 1 wherein the proteosomes are derived from *N. meningitidis*.
5. The immunogenic hydrophobic complex of claim 1 wherein the proteosomes are derived from *N. gonorrhoea*.
6. A vaccine comprising the immunogenic hydrophobic complex according to any one of claims 1, 2, 3, 4 and 5 and a carrier.
7. A method for providing enhanced immunogenicity comprising administering the vaccine of claim 5 to a subject parenterally, orally, intranasally or topically.
8. A method of achieving immunity by administering the vaccine of claim 5 to a subject parenterally, orally, intranasally or topically to impart immunity.
9. A method of achieving immunity according to

Sub B3

claim 8 wherein the immunity is to gram negative bacterial infection.

10. A method of achieving immunity according to claim 9 wherein the immunity is to neisserial infection.

11. A method of achieving immunity according to claim 10 wherein the immunity is to gonococcal infection.

12. A method of achieving immunity according to claim 10 wherein the immunity is to meningococcal infection.

13. A method of achieving immunity according to
claim 8 wherein the immunity is to shigellosis.

14. A method of achieving immunity according to
claim 13 wherein the shigellosis immunity is to *Shigella flexneri 2a*.

15. A method of achieving immunity according to claim 13 wherein the shigellosis immunity is to *Shigella sonnei*.

16. A method of achieving immunity according to claim 8 by administering the vaccine to mucosal surfaces selected from the group of respiratory, gastrointestinal, vaginal, nasal, rectal and oral mucosa.